TECHNICAL REPORT (MANUAL)	NO. TMN 06／006E

Date 13th, January, 2006
General Manager of
Software Research Laboratory

FANUC Series 30*i*/300*i*/300*i*s-A
FANUC Series 31*i*/310*i*/310*i*s-A
FANUC Series 31*i*/310*i*/310*i*s-A5
FANUC Series 32*i*/320*i*/320*i*s-A
Function of overwrite to the same name file on memory card

1. Communicate this report to:

○	Your information only
○	GE Fanuc-N, GE Fanuc-E
	FANUC Robotics
	CINCINNATI MILACRON
○	Machine tool builder
	Sales agency
	End user

2. Summary for Sales Documents

Output to the memory card became available even if the same name file exists.

3. Notice

Available software series

FS30*i*/300*i*/300*i*s-A G002, G012, G022, G032/14.0 or later
FS31*i*/310*i*/310*i*s-A5 G121, G131/14.0 or later
FS31*i*/310*i*/310*i*s-A G101, G111/14.0 or later
FS32*i*/320*i*/320*i*s-A G201/14.0 or later

4. Attached Document

Drawing No.	A-90101E

ADE

Original section of issue			
	SRL Vice general Manager	SRLB2D Section Manager	Person in Charge

FANUC

FANUC Series 30*i*/31*i*/32*i*-MODEL A

Overwrite to the same name file on memory card

Specifications

< Table of contents >

1.1 OUTLINE 2

1.2 EXPLANATION 3

1.3 OPERATION 5

1.4 PARAMETER 7

1.5 ALARM 7

1.6 WARNING 7

Ed.	Date	Design	Description
	Date	Aug..04.'05 Design.	Apprv.

Title	FANUC Series 30*i*/31*i*/32*i* -MODEL A Overwrite to the same name file on memory card
Draw No.	A-90101E
FANUC LTD	page 1/ 7

1.1 Outline

Outline

When the operator tries to output the CNC data like parameter or program, and the file of the specified name already exists on the memory card, the operator can select whether the file is overwritten or not by the operation.
This function becomes available by setting of parameter COW(No.11308#1).
Please refer to USER'S MANUAL (B-63944E) for detail of the operation of outputting.

Ed.	Date	Design	Description
	Date	Aug..04.'05 Design.	Apprv.

Title	FANUC Series 30*i*/31*i*/32*i* -MODEL A Overwrite to the same name file on memory card
Draw No.	A-90101E
FANUC LTD	page 2/ 7

1.2 Explanation

Display on screen

When the outputting of CNC data to the memory card is executed, the confirmation message of "OVERWRITE?" is displayed when the specified file name or the default file name accords to the file name in the memory card.

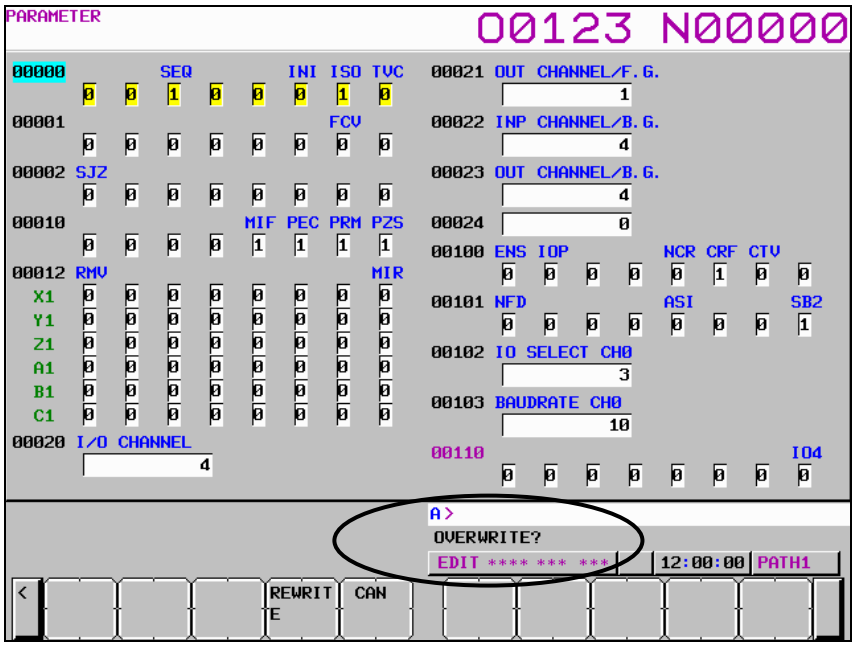

Fig1.2 (a) Example of screen display

Data that can be output

Data that can be output is as follows.
Default file name is used when the file name is not specified.

Fig1.2 (a) Data that can be output

Kind of data	Default file name
Program	ALL-PROG.TXT
Offset data	TOOLOFST.TXT
Parameter	CNC-PARA.TXT
Pitch error compensation data	PITCH.TXT
Custom macro common variable	MACRO.TXT
Workpiece coordinate system data	EXT_WKZ.TXT
Operation history data	OPRT_HIS.TXT
Maintenance data	MAINTINF.TXT

Periodical maintenance data (Periodical maintenance : status screen)	MAINTENA.TXT
Tool management data(Tool management function)	TOOL_MNG.TXT
Magazine data (Tool management function)	MAGAZINE.TXT
Tool life status name data (Tool management function)	STATUS.TXT
Name data of customize data (Tool management function)	CUSTOMIZ.TXT
2nd geometory tool offset	SEC_GEOM.TXT
Three-dimensional error compensation data	COMP3D.TXT
Rotary table dynamic fixture offset	FIXTURE.TXT
Customized data displayed as Tool management data (Tool management extension function)	DISPCSTM.TXT
Spindle waiting position name data (Tool management extension function)	POSNAME.TXT
Decimal point position data of customize data (Tool management extension function)	POINTPOS.TXT
Realtime custom macro variable	RTMMACRO.TXT
System configuration data	SYS-CONF.TXT
PMC signal protection	DIDOENBL.TXT
Tool geometory data (Tool management function oversize tools support)	TOOLGEOM.TXT
Cause data (Tool in/out management function)	TLCAUSE.TXT
Tool-in history data (Tool in/out management function)	TLATAHIS.TXT
Tool-out history data (Tool in/out management function)	TLDTAHIS.TXT
Servo / spindle information	SV_SP_ID.TXT
Waveform diagnosis data	WAVE-DGN.TXT
Tool geometory data (Tool post interference check)	TOOL-FRM.TXT
Machine item name data (Periodical maintenance : machine screen)	MAINTEMC.TXT
P code variable	PCODE.TXT
Learning control data(Parts learning control)	PRT_LN.TXT
Learning control data (Learning control)	LEARN.TXT
High-precision pitch error compensation	UPEC.TXT

1.3 Operation

Procedure

The procedure to output data is as follows on the screen of each function.

1. Press soft key [PUNCH].
2. Press soft key [EXEC].
   When the file of same name doesn't exist in the memory card, it is output at this time.
3. When the file of same name exists in the memory card, soft key [REWRITE] and [CAN] are displayed.
   To overwrite the file, press soft key [REWRITE].
   To cancel the output, press soft key [CAN].

Ex.) Outputting on parameter screen（In case of 7.2/8.4/10.4” display unit）

1. Press function key <SYSTEM>.
2. Press chapter selection soft key [PARAM].
3. Press the EDIT switch on the machine operator’s panel or enter emergency stop state.
4. Press soft key [(OPRT)].
5. Press soft key [+] in case of 7.2 / 8.4” display unit.
6. Press soft key [PUNCH].
   Display of the soft key is changed from Fig 1.3(a) to Fig1.3(b).
7. Press soft key [EXEC].
   Outputting is executed by the default file name CNC-PARA.TXT because the file name is not specified.
   Display of the soft key is changed from Fig 1.3(b) to Fig1.3(c) and the confirmation message is displayed when the file of same name exists in the memory card.
   When the file of same name doesn't exist in the memory card, it is output at this time.
8. To overwrite the file, press soft key [REWRITE].
   To cancel the output, press soft key [CAN].
   If you want to change the file name and then output, please specify the file name after operating 6 and then operate 7.

Fig1.3 (a) Display of soft key before pressing [PUNCH]

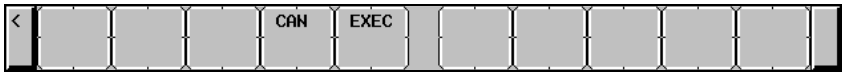

Fig1.3 (b) Display of soft key after pressing [PUNCH]

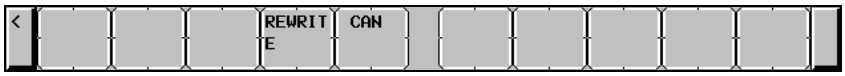

Fig1.3 (c) Display of soft key after pressing [EXEC]

Ex.) Outputting on parameter screen（In case of 15” display unit）

1. Press function key <SYSTEM>.
2. Press vertical soft key [PARAM].
3. Press the EDIT switch on the machine operator’s panel or enter emergency stop state.
4. Press horizontal soft key [PUNCH].
   Display of the horizontal soft key is changed from Fig 1.3(d) to Fig1.3(e).
5. Press horizontal soft key [EXEC].
   Outputting is executed by the default file name CNC-PARA.TXT because the file name is not specified.
   Display of the horizontal soft key is changed from Fig 1.3(e) to Fig1.3(f) and the confirmation message is displayed when the file of same name exists in the memory card.
   When the file of same name doesn't exist in the memory card, it is output at this time.
6. To overwrite the file, press soft key [REWRITE].
   To cancel the output, press soft key [CAN].
   If you want to change the file name and then output, please specify the file name after operating 4 and then operate 5.

Fig1.3 (d) Display of soft key before pressing [PUNCH]

Fig1.3 (e) Display of soft key after pressing [PUNCH]

Fig1.3 (f) Display of soft key after pressing [EXEC]

Note

Warning message "OVERWRITE FAILED" is displayed and the output is canceled at the following case.

- The file which is overwritten has READ ONLY attribute
- When the memory card had been removed while confirming

Ed.	Date	Design	Description
	Date	Aug..04.’05 Design.	Apprv.

Title	**FANUC Series 30*i*/31*i*/32*i* -MODEL A Overwrite to the same name file on memory card**
Draw No.	A-90101E
FANUC LTD	page 6/ 7

1.4 Parameter

	#7	#6	#5	#4	#3	#2	#1	#0
11308							COW	

[Input type] parameter input

[Data type] Bit

#1 COW When the file of specified name already exists on memory card,

0: It is not overwritten
Alarm (SR1973 FILE ALREADY EXIST) is generated.

1: It is overwritten.

Note

When the overwritten file is read only attribute, it is not possible to overwrite even if parameter COW (No.11308#1)=1.

1.5 Alarm

Number	Message	Description
SR1973	FILE ALREADY EXIST	A file having the same name already exists on the memory card.

1.6 Warning

Message	Description
OVERWRITE ?	A file having the same name already exists on the memory card.